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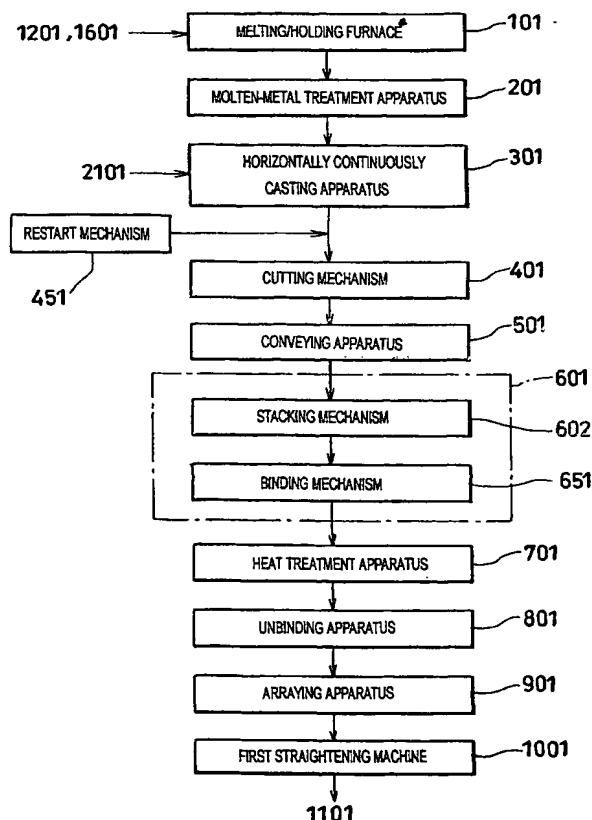
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(54) Title: HORIZONTALLY CONTINUOUSLY CAST ROD OF ALUMINUM ALLOY AND METHOD AND EQUIPMENT FOR PRODUCING THE ROD.



(57) Abstract: Horizontally continuously cast aluminum alloy rods excellent in quality are efficiently manufactured using a melting/holding furnace (101) to produce molten aluminum alloy, a molten-metal treatment apparatus (201) to remove aluminum oxide and hydrogen gas from the molten aluminum alloy, a horizontally continuously casting apparatus (301) to cast the treated molten aluminum alloy into horizontally continuously cast aluminum alloy rods, a cutting machine (408A, 408B) to cut to a standard length the cast rods, a first straightening apparatus (1001) to straighten bend of the cut rods, a peeling apparatus (1101) to peel skin portions of the straightened rods, a nondestructive inspection apparatus (1401) to inspect surface and internal portions of the peeled rods, a sorting apparatus (1501) to sort the inspected rods judged non-defective based on results of the nondestructive inspection step and a packing apparatus to pack the sorted rods, and continuously using at least the first straightening apparatus (1001) et seq.



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